

## INDEX TO VOL. FOR 1845.

A.	PAGE.	B.	PAGE.
Address, delivered before the Agricultural Society of St. John's Colleton, by J. Jenkins Mikell, Esq. - -	13	Bacon, elder juice to cure skippers in, -	237
Address, by Robert W. Roper, Esq., before the State Agricultural Society, at Columbia, - - -	41, 31	Beans, Garden <i>vs.</i> Field, - - -	78
Advice to the uninformed, by Alpha, -	241	Bees, - - - - -	459
Agricultural Societies. how to sustain, -	40	Berkshire hogs, a burlesque, - - -	341
" Society of Black Oak, Proceedings of, and experiments on potatoes, cotton, &c. - - -	205	Bermuda grass, - - - - -	337
" Society of Pendleton, the Report on several farms, by the committee, -	209	Blister, speedy way of raising a, -	40
" Society of St. Lukes, officers, &c, - - -	239	Blistering ointment, - - - -	148
" Society of South-Carolina, officers, - - -	360	Blight, the, - - - - -	198
" Society of South-Carolina, Report of the committee on cradling Rice, - -	338	Blind Bridles, - - - - -	351
" Society of St. John's, Report of the committee of inspection, - - -	385	Boomer method of making manure, -	230
" Society of Newberry, Report on sweet and Irish potatoes, - - -	399	Boys, what should parents do with their, - - - - -	304
" Society of the State of South-Carolina, the Proceedings of, - - -	410	Broom-corn, its qualities, - - -	118
" Report on the scheme of reducing the quantity of cotton grown, by W. B. Seabrook, Esq., and Hon. J. B. O'Neill, - - -	413	Bruise, to prevent swelling from a, -	275
" Chemistry, by Professor Johnson, - - -	281	Budding, - - - - -	356
" Statistics, - - -	393	Burning smoke, - - - - -	157
Agriculture, improvement in, -	330	Butter, to sweeten rancid, - - -	119
" promoted by manufactures, -	464	" difficulty of churning, obviated, -	197
Ammonia, efficacy of, in cases of poison, - - - - -	458	" proportion, of in milk, - - -	439
		<b>C.</b>	
		Cabbages, culture of, by slips, - -	472
		Castor-oil, manufactured in Georgia, by A. Means, - - -	315
		Catechism for young farmers, - -	34
		Celery, cultivation of, by Junius Smith, -	193
		Cement and Whitewash, - - -	264
		Cherries without stones, - - -	400
		Chilblain ointment, - - - -	120
		Chimney for a steam mill, - - -	76
		Chisolm, Robt. Esq, on the nail in fruit trees, - - - - -	396
		Chocolate tree, and its uses, - -	120
		Cob-meal, - - - - -	76
		Colman, Henry, notice of his work on European agriculture, &c., - -	293
		Commercial Association of Columbia, on supplying corn, - - -	393
		Compost for sandy land, - - -	156
		Corn-sheller, a great, invented by Mr. Pettigrew, of N. C., - - -	158
		Corn culture, - - - - -	357

	PAGE.		PAGE.
Corn and cob meal, the value of, -	36	Etrurian wheat, recommended by D. Zollickoffer, -	328
Correspondence between Hon. W. B. Seabrook and K. Burden, Esq., on lime, -	161	Experiments on cotton, corn, and potatoes, by F. S. Holmes, -	322
Cotton, increased growth of, -	63		
" the scheme of overproduction exposed, -	64	<b>F.</b>	
" southern perplexities about, -	65	Factory system, -	49
" Gin, improved by Sherard, -	78	Farming, improved, in Virginia, -	32
" Gin, Pottle's improved, by J. C. Glover, Esq., -	117	Farmers communicate, -	456
" planting, directions for, -	115	Fences and fence laws, by A. B. -	25
" observations on the cultivation of, by Mr. John Clarkson, -	121	Fences, hedge, -	380
" long staple, and Cuba tobacco, <i>vs.</i> short staple cotton, &c., by J. A. M. -	127	" live, -	381
" culture, successful method, by C. Leary, -	188	Fence, cheap, durable and convenient, -	468
" Sea-Island, of beautiful extra quality, raised by A. H. Seabrook, Esq., -	189	Fencing, by Coke, -	257, 311
" Nankin, raised in Mississippi and So. Carolina, -	239	Food for the hard working season, -	314
" cleaner, Livingston's improved, with certificate of recommendation, -	316	Fowls, lice on, -	350
" cultivation of American in India, a failure, -	419	Fruit trees, to secure the fruiting of, -	276
" New kind of, -	422	" " tar to preserve, -	276
Cow-pea for clover, -	157	" Gardens, -	353
Cows, treatment of a swelled udder, -	438	" Trees, -	355
Crops, rotation of, -	73	Fruits, origin of, -	276
" how much do they obtain from the air, -	155	Fungi, insects, &c., how to prevent their attacks on plants, -	431
Crows, to kill, -	229		
Cucumber, on the culture of the, -	195	<b>G.</b>	
		Gardens, neglected, -	440
<b>D.</b>		Gas-light, improved method of using, -	79
Dahlia roots, preserving of, -	440	Grain crops, top-dressing for, -	306
Ditching, hill-side, by Randolph, -	227	Grape-vines, a descriptive account and improved method of planting, &c., by C. Hoare, -	183
Draining lands, -	335	Grapes, on the production of hardy seedling, by hybridizing, by W. W. V. -	191
Duty on cotton yarns, staves, turpentine, &c., in England, repealed—its object considered, -	159	Guano, antiquity of, as a manure, by Wm. Logan, -	63
		" comparative estimate of, by Mr. Skinner, -	98
<b>E.</b>		" permanency of, as a manure, -	100
East-Florida, remarks on, by James A. Mims, -	238	" adulteration of, -	101
Economical hints, -	358	" observations on the use of, -	102
Eggs, preserving of, -	400	" directions for using, -	176
" to make nest, -	400	" Dr. Jackson's remarks on, and method of making artificial, -	181
Elder juice to cure skippers in bacon, -	237	" Henry Colman's remarks on, -	293
Electricity in agriculture, -	265	" death from, -	438
" important to agriculturists, -	424	Gypsum or plaster of Paris, from Mr. Ingraham's on Cooper river, -	200
Ellsworth's Report, on manufacturing sugar, -	154		
" on madder, -	172	<b>H.</b>	
" on celery, -	193	Haimes, new, -	398
		Hemp, -	30, 238
		Hens, to protect them from vermin, -	126
		Hides and staves, their value, by J. A. Ruff, -	237
		Holmes, Francis S., prize report of experiments, -	321

	PAGE.
Honey, different qualities of, by H. Carpenter, - - -	924
Horses, on taming, by R. Chisolm, -	396
“ advantage of crushing the food of, - - -	397
Husbandry, good, the science of, -	454

**I & J.**

Indian corn, grown in England, -	37
“ experiments in the culture of, by Geo. Geddes, -	103
“ close planting, early working of, - - -	106
“ plaster and ashes for, -	107
“ on the culture of, by J. E. Muse, - - -	141
“ experiments in planting, by Wm. Weaver, -	142
“ experiments in planting, by John M. Bots, -	143
“ observations on, by American Farmer, -	144
“ time of planting; culture, -	145
“ the silk on, - - -	305
“ introduction of, into England, recommended, -	476
Insects injurious to the farmer and gardener, by Willis Gaylord, continued from page 468, vol. IV. - - -	55, 91, 128
“ to destroy, on plants, - - -	269
Instinct, - - -	320
Irrigation, by Wm. Jennison, -	38
Johnson, Prof., lectures on agricultural chemistry, - - -	281

**L.**

Lead mines, - - -	78
Letter from an old subscriber, with Editors remarks, - - -	280
Lime, mode of applying, - - -	73
“ as an improvement of the soil, &c., - - -	161
“ burning, in South-Carolina, -	233
“ use of, - - -	234
“ a cheap mode of obtaining, -	239
Lowell, statistics of its manufactures, -	39
“ a visit to, by T. S. K. - - -	49

**M.**

M'Carthy's cotton gin, - - -	27
Madder, value of the crop, - - -	33
“ on the cultivation of, - - -	172
Manures, a report on, by F. A. Porcher, Esq., read before the Black Oak Agricultural Society, - - -	1
“ artificial, - - -	68

	PAGE.
Manures accumulation of, - - -	70
“ experiments with, - - -	72
“ comparative value of, by Prof. Hallowell, - - -	253
“ manufacture of, - - -	313
“ evaporation of, - - -	337
“ of animal and vegetable, -	375
“ accumulation of materials for, - - -	470
Manuring land, economically, - -	108
Marles, use of, in raising corn, by F. S. Holmes, - - -	21
“ analysis of, from the vicinity of Charleston, by C. N. Shepard, Prof. &c., - - -	133
“ discovery of, and digging, &c., -	326
Meadow lands, on the proper treatment and management of, by Jesse Ryder, - - -	295
Meteorological Considerations, by Boussingault, - - -	361
“ on temperature of climate, -	361
“ on decrease of temperature in the superior strata of the atmosphere, - - -	364
“ circumstances under which certain plants grow in different climates, - - -	367
“ cooling through the night, dew, rain, - - -	401
“ on the influence of agricultural labors on the climate of a country in lessening streams, &c., - - -	441
Melons, how to raise fine, - - -	195
Mildew, new theory of, - - -	199
Milk, adulterated, - - -	271
Milking cows, - - -	274
Moss on roofs, to kill, - - -	472
Mustard seed, profit of growing, -	33

**N.**

Neat cattle, on rearing, - - -	308
Nectarine tree, the nail in a, - -	396
Negro-population, expense of; usual clothing of; food of; implements used by, - - -	89
“ engaged in agriculture, - - -	90
Nitrate of soda, effect of, on grass lands, -	472

**O.**

Odls and ends, - - -	148
Oil, linseed, manufactured, - - -	54
Oranges in middle Florida, their growth and culture, - - -	242

**P.**

Pastures, - - -	332
Pea culture in S. C., advantage of, -	430



	PAGE.		PAGE.
Peas, to preserve from the bug, -	320	Silk yet to be grown in the south, -	28
Peach tree, management of the, -	112	" culture of, and manufacture, -	66
" yellows in, -	359	" growers, suggestions to, -	186
" budding of, on the plum, -	220	" domestic, manufactured by H. P. Villard, -	200
" diseased, means of curing, -	354	" plant, a letter from D. S. M'Cauley, -	352
" experiment on, with tar, -	356	" " a description of, by Dr. Joseph Johnson, of S. C. -	432
Pendleton District, agricultural condition of, -	430	Smut, its cause, -	199
Pickling meat, -	384	Soap suds, -	319
Pickle for hams, -	39	Soap without boiling, -	440
" old for pork, -	90	Soil, necessity of supplying the, with the constituents of the crops grown on it, -	110
Pine apples, extraordinary production, -	200	" improvement of, from Boussingault, -	249
Plank floors, injurious to horses, by J. Maddock, -	318	" " without manures, -	372
Plaster of Paris, valuable discovery, -	277	South Carolina, produce of grain in, -	90
Plough, the subsoil, recommended by Wm. Carmichael, -	219	" " ratio of numbers engaged in agriculture, trades, &c., -	90
" in gardens, -	459	" " population and capital engaged in manufactures, -	90
Ploughing corn, -	357	" " gypsum or plaster of Paris, in, -	200
Post-office law, a synopsis of the new, -	273	" " lime-burning in, by Tuomey, -	233
Poultry, -	343	Stears, learning to back, -	223
" management of, -	149	St. Louis, Missouri, its exports and imports, -	77
Porcher, F. A., report on manures, -	1	Straw as a top dressing, -	379
Potatoes, disease in, by J. E. Teschemacher, -	35	Stump, easy method of raising, -	171
" rot in remedy for, -	79	Sugar, corn-stalk, directions for cultivating and making, by James S. Pope, -	151
" comparative value of, -	118	" method of manufacturing, by N. Riellicux, -	154
" a new variety of, -	156	" and molasses from corn-stalks, -	27
" the Irish, -	471	Sunflower, its valuable qualities, -	37
" rot, cause of and remedy for, by Richard Giffard, -	433	Suggestions for southern planters, by Holkham, -	201
" rot, by J. E. Teschemacher, -	466	Sulphuric acid, -	339
Provisions, American, in Great Britain, -	79	Sweet potatoes, directions for planting of, -	109
Pruning stone fruit in the fall, -	463	" " red, white within, -	117
<b>R.</b>		Swine, diseases of, -	342
Rice lands, the effect of drought upon, by Dr. J. Lawrence Smith, -	425	<b>T.</b>	
" fields, suggestions for removing salts from, -	457	Tanning on the plantation, by T. Affleck, -	230
" cotton, &c., early culture of, -	455	" remarks on, by J. S. Whitten, -	267
Robert W. Roper, a tribute of respect by the Agricultural Society of S. C., -	260	" a new process of, -	307
Rural economy of the south, -	222	Tobacco, medical testimony against its use, -	37
<b>S.</b>		" growing mania in Florida, -	157
Saddles, elastic, -	398	" in Massachusetts, -	472
Salt for fruit trees, -	38	Tomatoes, to cook, -	470
Sands, arrest of moving, from Boussingault, -	250	Trees, planting of, -	198
Setoning, on the utility of, -	147	" mending a, -	356
Sheep, excretory duct of the feet of, -	157	" to destroy insects on, -	395
" fine flocks of, in the vicinity of Columbia, -	268	" transplanting of, -	439
" and sheep walks in the south, by G. D. Shortbridge, -	302		
" keeping and cost of in Illinois, -	437		
Shepard's analysis of marls, -	133		

Turnip, the, - - -	PAGE.
Turkies, how to raise, -	360
	270

## V.

Vegetables, improvement of, -	119
Verbenia, on the culture of the, by E. Sayers, - - -	196
Vinegar at once, - - -	239
Vineyard and nursery at Brinkleyville, N. C. - - -	31
" outline of an American, - - -	460
" success of American, - - -	461

## W.

Weather, abstract of the winds and, in Charleston, - - -	80
Wheat, new variety of, - - -	39
" harvest, - - -	239
" insect, discovery of the, - - -	400
Whitewash to improve the appearance of buildings, - - -	72
Wool, extent of the trade in, - - -	40
Worn out fields, - - -	359

END OF VOLUME FOR 1845.